

**METHOD, SYSTEM AND SOFTWARE FOR ALLOCATING INFORMATION
HANDLING SYSTEM RESOURCES IN RESPONSE TO
HIGH AVAILABILITY CLUSTER FAIL-OVER EVENTS**

5 ABSTRACT OF THE DISCLOSURE

 A method, system and software for allocating
information handling system resources in response to
cluster fail-over events are disclosed. In operation,
the method provides for the calculation of a performance
10 ratio between a failing node and a fail-over node and the
transformation of an application calendar schedule from
the failing node into a new application calendar schedule
for the fail-over node. Before implementing the new
application calendar schedule for the failing-over
15 application on the fail-over node, the method verifies
that the fail-over node includes sufficient resources to
process its existing calendar schedule as well as the new
application calendar schedule for the failing-over
application. A resource negotiation algorithm may be
20 applied to one or more of the calendar schedules to
prevent application starvation in the event the fail-over
node does not include sufficient resources to process the
failing-over application calendar schedule as well as its
existing application calendar schedules.